



# LNG as fuel: Status update

Current experiences & perspectives for the application of  
LNG as fuel in shipping

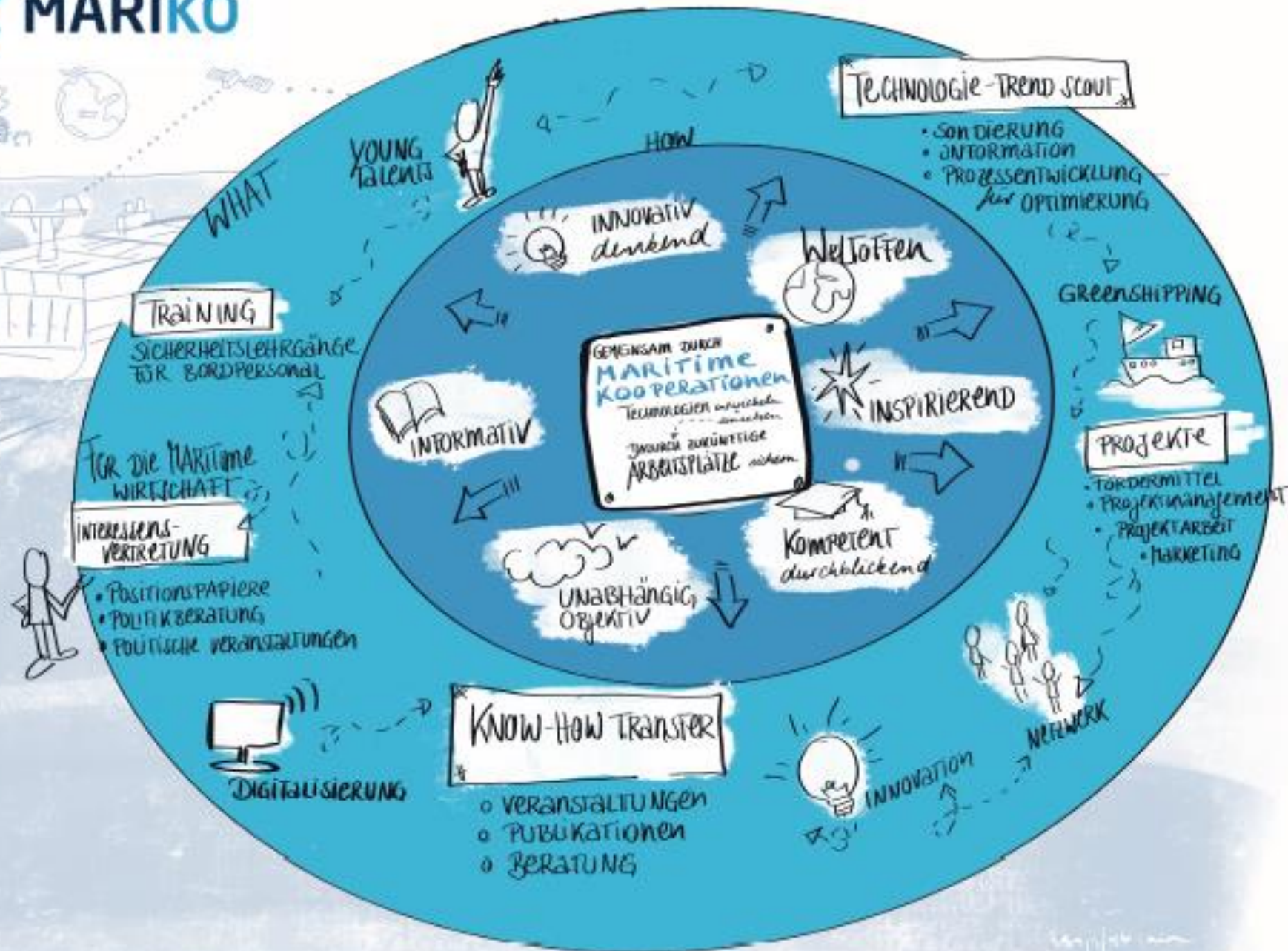
**25<sup>th</sup> of March 2021**



**Niedersachsen**



Bundesministerium  
für Wirtschaft  
und Energie





# PROJECT DEVELOPMENT

## LNG.Agentur Niedersachsen

**LNG.AGENTUR**  
Niedersachsen

### Potential analysis:

LNG infrastructure on the German North Sea coast under consideration of particularly suitable locations (October 2017)

### Created by:



### Publisher:



Wilhelmshavener Hafenwirtschafts Vereinigung e.V.



Oldenburgische  
Industrie- und Handelskammer



**Download:** <https://www.mariko-leer.de/wp-content/uploads/2017/10/LNG-Potenzialanalyse-Oktober-2017.zip>

### Target:

- Support for the development of LNG infrastructure and LNG technology in Lower Saxony and especially in the coastal region
- Further development and application of the economic opportunities arising from the LNG development in cooperation with our stakeholders and companies in the region

**Duration:** 30 months (01.11.2019 - 30.04.2022)



# LNG.AGENTUR NIEDERSACHSEN

## An overview

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### Measures:



LNG strategy



LNG infrastructure development and distribution



LNG value chains



LNG innovation projects



LNG regulation and financing



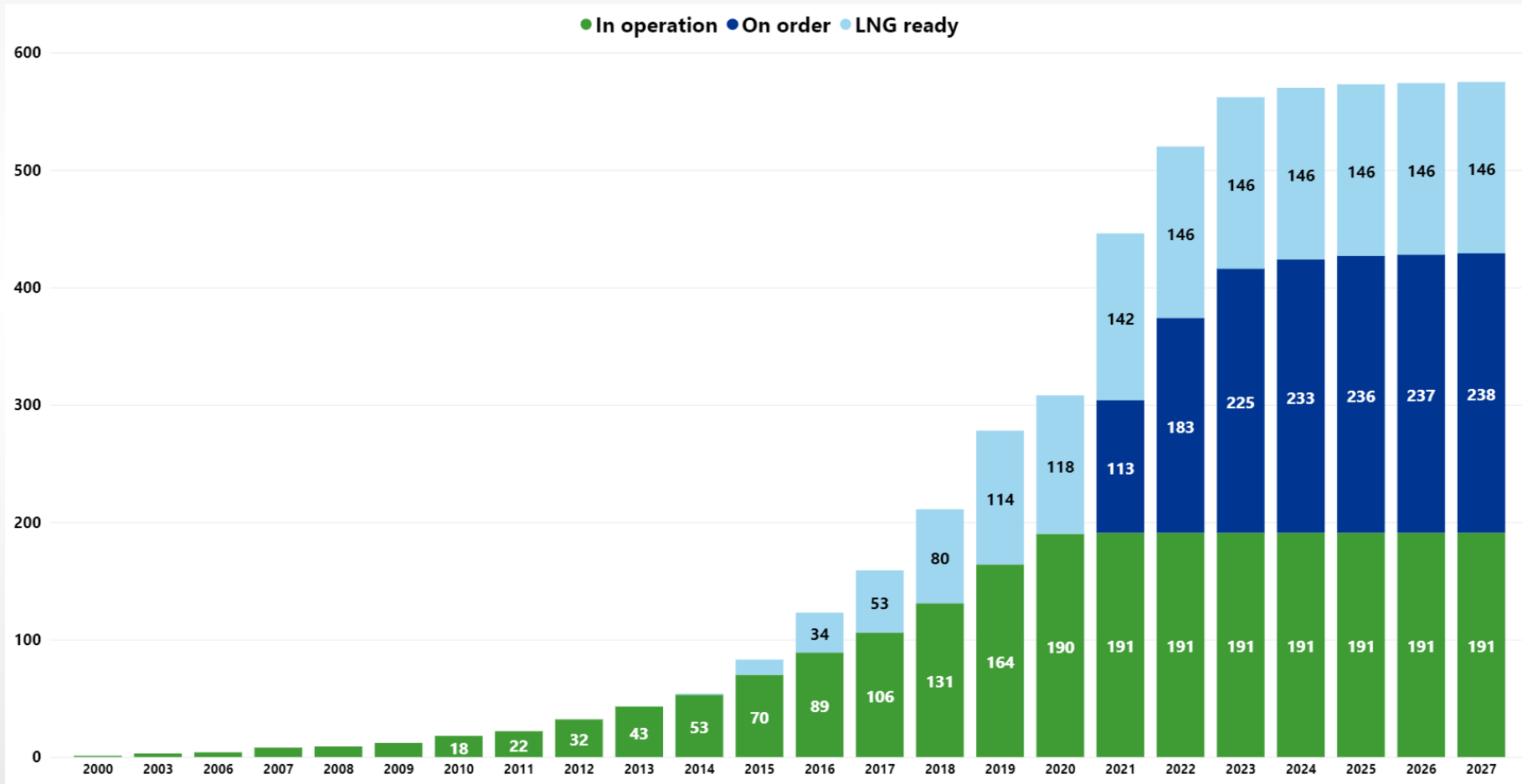
LNG-Network

### Partner:



# LNG.AGENTUR NIEDERSACHSEN

## Status update



Source: DNV GL

# LNG.AGENTUR NIEDERSACHSEN

## Status update

Engine type	LBSI, Medium speed	LPDF, Medium speed four-stroke	LPDF, Slow speed two-stroke	HPDF, Slow speed two-stroke
Vessel type	<ul style="list-style-type: none"> <li>• Car/passenger ferries</li> <li>• Offshore supply vessels</li> <li>• General cargo vessels</li> <li>• Tugs</li> <li>• Roro vessels</li> </ul>	<ul style="list-style-type: none"> <li>• Offshore supply vessels</li> <li>• Car/passenger ferries</li> <li>• Cruise ships</li> </ul>	<ul style="list-style-type: none"> <li>• LNG carriers</li> <li>• Container ships</li> <li>• Oil and chemical tankers</li> </ul>	<ul style="list-style-type: none"> <li>• LNG carriers</li> <li>• Container ships</li> <li>• Car carriers</li> <li>• General cargo vessels</li> <li>• Bulk carrier</li> </ul>
E.g. engine manufacturers	Rolls-Royce	Wärtsilä, MaK	Wärtsilä, WinGD	MAN
Vessels in operation and on order as of Mid 2018	45	300 incl.13 cruise ships	50	90

Source: Own illustration based on ICCT- The climate implications of using LNG as a marine fuel, S. 6

**Are you interested in becoming a network partner in the activities of the LNG.Agentur Niedersachsen? Please feel free to contact us!**





MANY THANKS FOR YOUR  
**ATTENTION**

For more info, please visit [www.LNG-Agentur.de](http://www.LNG-Agentur.de)



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